CSE 216

PL/SQL Online

Each employee will be assigned to a new department. There are total 107 employees and 27 departments. The employees have their own choices of departments. The choice order of each employee for each department is given in the **OPTIONS** table. Most of the departments have a limit on the number of employees. The employee limit of the department is provided in the **LIMITS** table. The departments that have no limit can take any number of employees. The employees need to be assigned based on the ascending order of their hire date. The new assignments will be stored in the **EMPLOYEE_DEPARTMENT** table. Please write an Oracle stored procedure to assign employees to their new departments.

You also need to maintain a summary of the salary of each department due to the new assignment. The salary of all employees of a department is the total salary of that department and will be stored in the **DEPARTMENT_SALARY** table. Each department will have a single row in the table. Please write an Oracle trigger on the **EMPLOYEE_DEPARTMENT** table to achieve this.